

Converting Colors

YUV(88.7010, 17.8954,
140.5822)

Have a look what the booklet for
YUV(88.7010, 17.8954, 140.5822)
contains.

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Color

**YUV(88.7010, 17.8954,
140.5822)**

Conversions

Conversions Part 1

Format	Color
Hex	F9007D
RGB	249, 0, 125
RGB Percent	98%, 0%, 49%
CMY	0.0235, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.50, 0.02
HSL	330°, 100%, 49%
HSV	330°, 100%, 98%
XYZ	42.7686, 21.6204, 21.3210
YIQ	88.7010, 108.2790, 91.6630

Conversions

Conversions Part 2

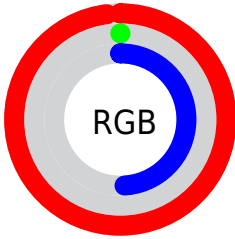
Format	Color
R_YB	249, 0, 125
Decimal	16318589
CIE _{Lab}	53.62, 83.05, 3.90
CIE _{LCh}	54, 83.144, 2.687
Yxy	21.6204, 0.4990, 0.2523
Android (android.graphics.Color)	4294508669 (0xFFFF9007D)
YUV	88.7010, 17.8954, 140.5822
Hunter-Lab	46.4977, 82.8131, 5.3616

Details

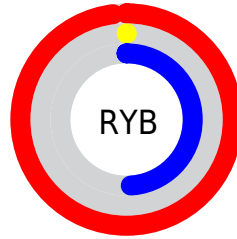
The YUV color **88.7010, 17.8954, 140.5822** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **160.2990, -17.8954, -140.5822**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9490, 11.3641, 88.6217**, and **64.0930, 6.3632, 106.0354** is the 20% darker color. If you saturate the color by 10%, you get **88.7010, 17.8954, 140.5822**, and if you desaturate by 10%, it is **104.7440, 15.9022, 126.5125**.

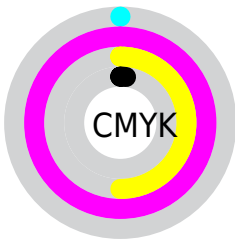
Distribution



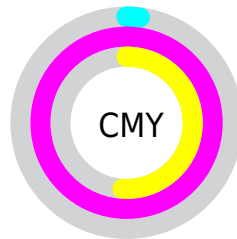
- Red (98%)
- Green (0%)
- Blue (49%)



- Red (98%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7010, 17.8954, 140.5822 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 88.7010, 17.8954, 140.5822 by changing the saturation by 10% instead.

 88.7010, 17.8954,
140.5822


 88.7010, 17.8954,
140.5822


255.0000, 0.0000,
0.0000


 76.2830, 11.6925,
123.4088


 153.9490, 11.3641,
88.6217


 64.0930, 6.3632,
106.0354


 175.9250, 14.3340,
69.3488


 52.2020, 0.8864,
89.2768


 197.3140, 17.5932,
50.5906

 40.6530, -3.2799,
72.2183

 217.4320, 18.5210,
32.9471

 28.9470, -9.3409,
56.1745

 235.6290, 9.5499,
16.9884

 18.8800, -7.8288,
37.8162

253.8260, 0.5788,

 7.5890, -3.2484,

1.0296

15.2694

■ 0.0000, 0.0000,
0.0000

■ 88.7010, 17.8954,
140.5822

■ 104.7440, 15.9022,
126.5125

■ 120.9010, 14.3458,
112.3428

■ 136.9440, 12.3526,
98.2731

■ 153.1010, 10.7962,
84.1034

■ 169.1440, 8.8030,
70.0337

■ 184.6000, 7.0992,
56.4788

■ 200.7570, 5.5428,
42.3091

■ 216.8000, 3.5496,
28.2394

■ 232.9570, 1.9932,
14.0697

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



120.8600, 36.5510, 83.4378



88.7010, 17.8954, 140.5822



109.1520, -26.6969, 116.5077

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7010, 17.8954, 140.5822



107.2410, -52.8698, -29.1524



118.2940, 67.3961, -103.7438

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.7010, 17.8954, 140.5822



160.2990, -17.8954, -140.5822

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.0020, 43.3830, -101.7338



88.7010, 17.8954, 140.5822



96.7820, -20.1055, -84.8778

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7010, 17.8954, 140.5822



119.9860, -59.1531, 26.3223



107.9080, 12.3704, -94.6353



108.9020, 72.0263, -95.5071

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7010, 17.8954, 140.5822



115.0880, -56.7384, 92.0078



107.9080, 12.3704, -94.6353



118.5730, 60.8495, -103.9885

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.7010, 17.8954, 140.5822



206.0560, 5.3954, 42.9239



64.2660, 91.0739, 48.8787



98.3760, 3.2656, 25.9802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7010, 17.8954, 140.5822



90.8370, 18.3214, 143.9710



74.9070, -34.9572, 152.6796



116.6850, 1.1413, 7.2923



67.3410, 13.6359, 106.6949



21.7730, 4.5489, 34.4021

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88.7010, 17.8954, 140.5822



90.8370, 18.3214, 143.9710



174.0930, 34.9572, -152.6796



116.6850, 1.1413, 7.2923



67.3410, 13.6359, 106.6949



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 88.7010, 17.8954, 140.5822 looks on a white background.

Color Contrast Check

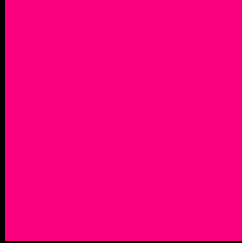
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 88.7010, 17.8954, 140.5822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.7010, 17.8954, 140.5822

Background



This preview shows how black text looks on a background with the YUV color 88.7010, 17.8954, 140.5822.



This preview shows how white text looks on a background with the YUV color 88.7010, 17.8954,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.7010, 17.8954, 140.5822

Protanopia

129.8560, 25.2140, -13.9057

Deuteranopia

130.4380, -7.6109, 14.5249



Tritanopia

108.6040, -28.8918, 120.4963

Trichromacy



Original Color

88.7010, 17.8954, 140.5822



Protanomaly

114.6380, 22.8565, 42.4135



Deuteranomaly

115.5420, 1.7048, 60.0377



Tritanomaly

101.4150, -12.0366, 127.6780

Monochromacy



Original Color

88.7010, 17.8954, 140.5822



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.0400, 6.3893, 50.8309

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7010, 17.8954, 140.5822 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 125) }
```

Border

The CSS property to change the border of an element to YUV 88.7010, 17.8954, 140.5822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 0, 125) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(249, 0, 125) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(249, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(249, 0,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 88.7010, 17.8954, 140.5822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 0, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249, 0,  
125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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